

# Faculty

School of Pharmacy  
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University of Puerto Rico



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## Rank/Discipline

Professor  
Department of Pharmacy  
Practice

## Education & Specialty Certification

PharmD, Nova Southeastern University, 2001; Primary Care Pharmacy Residency, San Juan DVA Medical Center, 2002; Certified Geriatric Pharmacist.

## Iadelisse Cruz González RPh, PharmD, CGP

### Research Areas and Active Projects

**Research Areas:** Geriatrics, Cardiovascular, Ambulatory Care

**Active Project:** *Prevalence of Inappropriate Medication Use among Institutionalized Older Patients in Nursing Homes*

PharmD candidates 2017: Mariela I. Frontera Hernández, Sullynette Guerrero De Hostos, Bianca F. Nieves Pérez,  
Project Advisor: Dr. Wanda Marrero  
Project Co-Advisor: **Dr. Iadelisse Cruz**

### Publications

Jorge Duconge, Alga S. Ramos, Karla Claudio-Campos, Giselle Rivera-Miranda, Luis Bermúdez-Bosch, Jessica Y. Renta, Carmen L. Cadilla, **Iadelisse Cruz**, Juan F. Feliu, Cunegundo Vergara, Gualberto Rúaño. A Novel Admixture-Based Pharmacogenetic Approach to Refine Warfarin Dosing in Caribbean Hispanics PLOS ONE DOI: 10.1371/journal.pone.0145480 January 8, 2016.

L Bermúdez-Bosch, G Rivera, **I Cruz**, M Felici, A Ramos, J Duconge. Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. A10. THSNA 2014 Summit Abstract proceedings. American Journal of Hematology. 2014; Vol. 89 (Suppl. 1): E4.

L Bermúdez-Bosch, J Duconge, **I Cruz**, G Rivera. A Proposal for an Individualized Pharmacogenetic-guided warfarin Dosage Regimen for Puerto Rican Patients Commencing Anticoagulation Therapy. A1. THSNA 2014 Summit Abstract proceedings. American Journal of Hematology. 2014; Vol. 89 (Suppl. 1): E1.

Isa I. Valentín, Giselle Rivera, Mariely Nieves-Plaza, **Iadelisse Cruz**, Jessica Y. Renta, Carmen L. Cadilla, Juan F. Feliu, Richard L. Seip, Gualberto Rúaño, Jorge Duconge. "Pharmacogenetic Association Study of Warfarin Safety Endpoints in Puerto Ricans" *PRHSJ*, 2014, 33(3), 97-104.

**Cruz I**, BA Torres. Salud Preventiva de la Mujer en la Edad Dorada. Revista Farmaceutica. 2014, 72 (3): 26-34.

Ramos AS, Alejandro-Cowan Y, Vazquez J, Valentin I, Rivera G, Renta J, **Cruz I**, Feliu JF, Cadilla CL, Seip R, Ruaño G, Duconge J. Pharmacogenetic-driven warfarin dosing algorithm in Puerto Rican patients. In: Warfarin Dosing Management/ Abstract J3. Special Issue: Proceedings of the 12th National Conference on Anticoagulant Therapy. *J Thrombosis and Thrombolysis*, 2013. 35(3): 417.

Development of a Pharmacogenetic –Guided Warfarin Dosing Algorithm for Puerto Rican Patients. Ramos Alga S, Seip Richard L, Rivera-Miranda Giselle, Felici-Giovanini Marcos E, García-Berdecía Rafael, Alejandro-Cowan Yirelia, Kocherla Mohan, **Cruz Iadelisse**, Feliú Juan F, Cadilla Carmen L, Renta Jessica Y, Gorowski Krystyna, Vergara Cunegundo, Ruaño Gualberto and Duconge Jorge. *Pharmacogenomics*. 2012; Vol. 13 Num. 16: 1937-1950.

Pharmacogenetic Safety Profile of Puerto Ricans on Warfarin Therapy. Valentín II, Rivera G, Nieves M, Vazquez J, **Cruz I**, Renta J, Feliú JF, Cadilla CL, Duconge J. *American Journal of Hematology*. 2012; Vol. 87 (Suppl. 1): S152.

Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. Ramos AS, Rivera G, García R, Alejandro Y, **Cruz I**, Renta J, Feliu JF, Cadilla CL, Seip R, Ruaño G, Duconge J. *American Journal of Hematology*. 2012; Vol. 87 (Suppl. 1): S152-53.

Prediction of Warfarin Dose Reductions in Puerto Rican Patients based in Combinatorial CYP2C9 and VKORC1 Genotypes. Valentín I, Vazquez J, Rivera G, Seip R, Velez M, Korchela M, Bogaard K, **Cruz I**, Cadilla C, Renta J, Feliú J F, Ramos A, Alejandro Y, Gorowski K, Ruano G, Duconge J. *Annals of Pharmacotherapy* 2012; Vol 46 (2): 208-18.

## Poster Presentations

2nd prize: Alga S. Ramos Morales, Jean C. Ortiz, Marcos Felici, Juan Feliu, Giselle Rivera, Jessica Y Renta, **Iadelisse Cruz**, Carmen L Cadilla, Jorge Duconge. "Role of Admixture in the DNA-Guided Warfarin Dosing Predictions Among Puerto Rican Patients.", *Convención de Colegio de Farmacéuticos*, 2014, August 21-24.

Ramos AS, Alejandro Y, Vazquez J, Valentin I, Rivera G, **Cruz I**, Cadilla CL, Renta J, Duconge J. Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. A10. THSNA 2014 Summit Abstract

proceedings. American Journal of Hematology. 2014; Vol. 89 (Suppl. 1): E4. DOI: 10.1002/ajh.23759.

Bermudez-Bosch LA, Rivera G, **Cruz I**, Felici M, Ramos A, Duconge J. A Proposal for an Individualized Pharmacogenetic-guided warfarin Dosage Regimen for Puerto Rican Patients Commencing Anticoagulation Therapy. A1. THSNA 2014 Summit Abstract proceedings. American Journal of Hematology. 2014; Vol. 89 (Suppl. 1): E1. DOI: 10.1002/ajh.23759.

Bermúdez-Bosch LA, Rivera-Miranda G, **Cruz I**, Felici M, Ramos AS, Duconge J. A Proposal for an Individualized Pharmacogenetic-Guided Warfarin Dosage Regimen for Puerto Rican Patients Commencing Anticoagulation Therapy. PR Health Sci J. Abstract XXXIV Annual Research and Education Forum MSC. March 2014; 33 (suppl. 1): 108, A-298.

Glorimar Rivera-Quiñones, María J. Reyes-Virella, **Iadelisse Cruz-González**. Diabetes Patient Safety and Clinical Pharmacy Services Collaborative Estimated Cost Avoidance. Presented at the Convención de Colegio de Farmacéuticos – August, 2013.

1<sup>st</sup> prize: Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. Alga S. Ramos Morales, MS and PharmD student; Yirelia Alejandro Cowan, MS student; Joan Vazquez, MS student; Ivette Valentín, MS student; Giselle Rivera, PharmD; Jessica Y Renta, MS; Iadelisse Cruz, PharmD; Carmen L Cadilla, PhD; Jorge Duconge, PhD. Presented at the Convención de Farmacéuticos de Puerto Rico – August, 2012.

A1c reduction as result of clinical pharmacy services within a patient centered interdisciplinary approach. Reyes MJ, Cruz I. Convención de Farmacéuticos de Puerto Rico – August, 2012.

A Pharmacogenetic Safety Profile of Puerto Ricans on Warfarin Therapy. Valentín Isa Ivette, Rivera Giselle, Nieves Mariely, Vazquez Joan, Cruz Iadelisse, Renta Jessica, Feliú Juan F, Cadilla Carmen L, Duconge Jorge. Presented at the Thrombosis and Hemostasis Summit of North America Chicago, USA. May 4, 2012.

Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. Alga S. Ramos Morales, MS and PharmD student; Yirelia Alejandro Cowan, MS student; Joan Vazquez, MS student; Ivette Valentín, MS student; Giselle Rivera, PharmD; Jessica Y Renta, MS; Iadelisse Cruz, PharmD; Carmen L Cadilla, PhD; Jorge Duconge, PhD. Presented at the Thrombosis and Hemostasis Summit of North America Chicago, USA. May 4, 2012.

Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. Alga S. Ramos Morales, MS and PharmD student; Yirelia Alejandro Cowan, MS student; Joan Vázquez, MS student; Ivette Valentín, MS student; Giselle Rivera, PharmD; Jessica Y Renta, MS; Iadelisse Cruz, PharmD; Carmen L Cadilla, PhD; Jorge Duconge, PhD. Presented during the Conferencia Anual de AAAS División del Caribe. University of Puerto Rico-Mayagüez Campus. Mayagüez, P.R. October 1, 2011.

1<sup>st</sup> prize: Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Ricans. A. Ramos, Y Alejandro, J Vázquez, I Valentín, J Renta, G Rivera, I Cruz, C Cadilla, J Duconge – Presented at the Colegio de Farmacéuticos de Puerto Rico Convention. Fajardo, PR - August, 2011.

Pharmacogenetics of Warfarin in Puerto Ricans: Preliminary Data. Duconge J, Cruz I et al. Presented during 12<sup>th</sup> RCMI International Symposium on Health Disparities. San Juan, PR- December 7, 2010.

Pharmacogenetic-driven Warfarin Dosing Algorithm in Puerto Rican Patients: Preliminary Results.

Category: Patient-Oriented Projects and Clinical Trials. Alga S. Ramos MS and PharmD student; Yirelia Alejandro-Cowan MS student; Joan Vazquez MS student; Ivette Valentín MS student; Giselle Rivera PharmD; Jessica Y Renta MS; Iadelisse Cruz PharmD; Carmen L Cadilla PhD; Jorge Duconge PhD. Presented during the Research Symposium of Puerto Rico Medical Students Association, Medical Sciences Campus – UPR. San Juan, PR- November 18, 2010.

Role of VKORC1 Polymorphism on the Association between Vitamin K Ingestion and Stable Anticoagulation in Puerto Rican Patients with Variability in response to Warfarin. Category: Patient-Oriented Projects and Clinical Trials. Yirelia Alejandro-Cowan, MS student; Meredith Velez, PharmD; Giselle Rivera, PharmD; Iadelisse Cruz, PharmD; Mohan Kocherla MS; Alga S Ramos MS student; Alexandra Amaro MS student; Jorge Duconge, PhD. Presented during the Research Symposium of Puerto Rico Medical Students Association, Medical Sciences Campus – UPR. San Juan, PR- November 18, 2010.

3<sup>rd</sup> Prize: VKORC1 and Vitamin K Intake Effects in Stable Warfarin Puerto Rican Patients. Duconge J, Rivera Giselle, I. Cruz et. al. Presented at the Colegio de Farmacéuticos de Puerto Rico Convention. Fajardo, PR- August, 2010.

## **Presentations**

The Letter of Intent Presented to: Student Society of Health System Pharmacy, School of Pharmacy, University of Puerto Rico. May 4, 2014.

¿Cómo Evitar el Plagio? Presented to: Fourth Year Students, School of Pharmacy, University of Puerto Rico – June 25, 2013.

Evidence Based Medicine, Literature Evaluation and the Analysis of Clinical Trials. Presented to School of Pharmacy preceptors at the School of Pharmacy-UPR, San Juan, PR. Abril 3, 2013.

Intercambio de medicamentos originales por genéricos o bioequivalentes. Presented to retired persons. Oficina del procurador de personas pensionadas San Juan PR. Nov 27, 2012.

Foro de Profesionales de la Salud Fundación García Rinaldi. Juncos PR. October 18, 2012.

Heart failure treatment in the ambulatory setting. Presented to Pharmacists, División de Educación Continua – Escuela de Farmacia, UPR. San Juan, PR- Sept 8, 2012.

La preparación académica del farmacéutico y sus funciones según la ley de farmacia de Puerto Rico. Presented to health professionals, students and patients. Gurabo Community Health Center – August 6, 2012.

¿Cómo Evitar el Plagio? Presented to: PGY1 Pharmacy Practice Residents, VACHS – July 16, 2012.

Polifarmacia en el Adulto de Edad Avanzada. Convención de Directores Médicos de PR, Hotel La Concha, San Juan, PR- June 2011.